

NOW! IMPROVED!



INTERTHERM

Deluxe Lo-Profile

HOT WATER HEAT WITHOUT PLUMBING

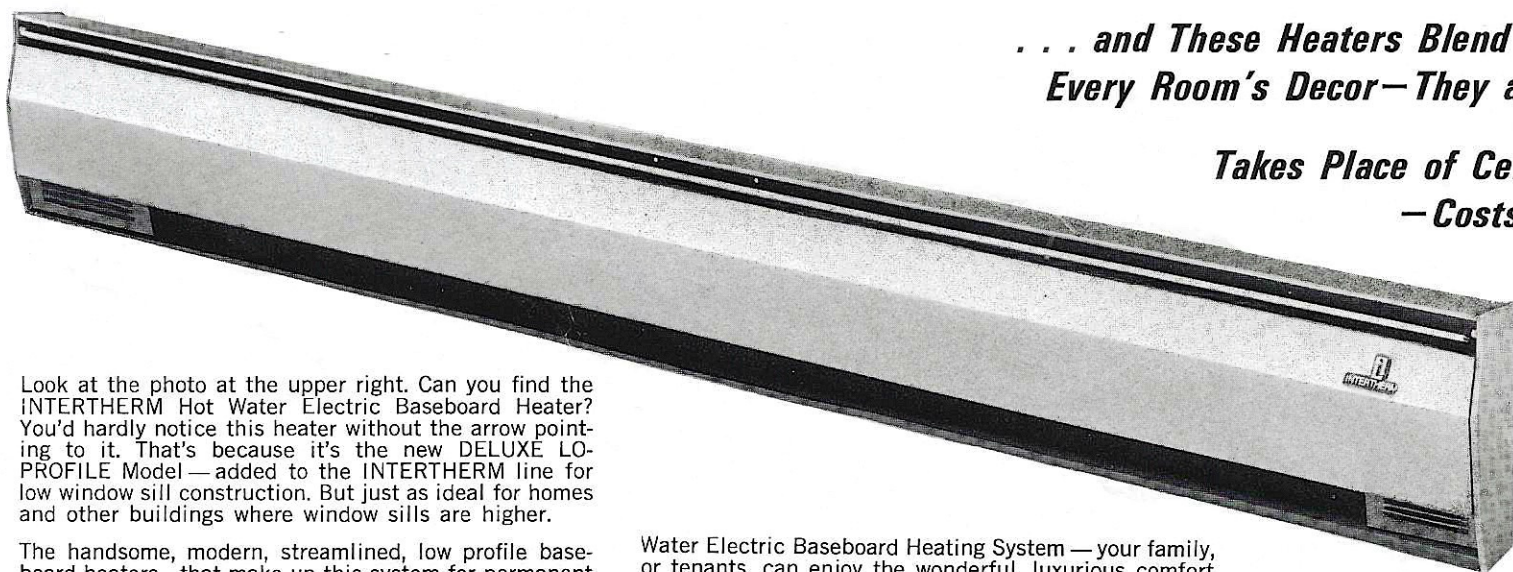


INTERTHERM
Deluxe Lo-Profile
**HOT WATER ELECTRIC
BASEBOARD HEATING
SYSTEM**

Blends Harmoniously into Every Room's Decor!

IMPROVED SYSTEM OF *INTERTHERM Deluxe* *LO-PROFILE* HOT WATER *Electric* BASEBOARD HEATERS Designed Especially for Low Window Sill Construction

PROVIDES HOT WATER HEAT WITHOUT COSTLY PLUMBING



*... and These Heaters Blend So Well with
Every Room's Decor—They are*

*Takes Place of Central Heating
—Costs Less*

Look at the photo at the upper right. Can you find the *INTERTHERM* Hot Water Electric Baseboard Heater? You'd hardly notice this heater without the arrow pointing to it. That's because it's the new *DELUXE LO-PROFILE* Model—added to the *INTERTHERM* line for low window sill construction. But just as ideal for homes and other buildings where window sills are higher.

The handsome, modern, streamlined, low profile baseboard heaters—that make up this system for permanent whole-house as well as other whole-building heating—blend so harmoniously into every room's decor, they are hardly noticeable.

MAKES CENTRAL HEATING SYSTEMS OLD-FASHIONED!

The *INTERTHERM* System of individual hot water electric baseboard heaters is the modern replacement for expensive-to-install, heat-wasting, space-taking central heating systems of all types. Yet it requires no boiler, burner, furnace, pipes, ducts, flues, chimney, fuel tank or bin. Instead one or more individual *INTERTHERM* Heaters are installed in each room—with thermostat control—the heaters in each room operating independently of heaters in other rooms.

HERE'S HOW THE *INTERTHERM* PROVIDES HOT WATER HEAT WITHOUT PLUMBING!

Every *INTERTHERM* Heater is a complete hot water circulating system in itself, as shown by the cross-section photo at lower right. The inner works consists of a copper tube inside of which an electric heating element and a water and antifreeze solution—which never needs replenishing—are permanently, hermetically sealed.

Electricity heats the water-antifreeze solution—which, in turn, heats the room. When room temperature reaches the desired warmth—the built-in thermostat turns off the electricity. But the heated water-antifreeze solution continues to spread a blanket of warmth throughout the room while saving electricity.

SURPRISINGLY GREATER COMFORT!

For many years heating engineers have known hot water heat is superior. But for many years hot water heat has been a luxury few families could afford. For it required the very expensive installation and maintenance of a central boiler and burner, plumbing system, valves, controls and other accessories.

Now—in spite of today's shortages of natural gas, LP gas and heating oil—thanks to the *INTERTHERM* Hot

Water Electric Baseboard Heating System—your family, or tenants, can enjoy the wonderful, luxurious comfort of hot water heat.

The *INTERTHERM* System floods the entire home, apartment building, condominium, office building or other structure with a blanket of luxurious, soft, gentle warmth that only hot water can produce—no matter how frigid the outside weather.

And it's uniform, floor-to-ceiling warmth. No cold floors. No drafts. No too-hot, too-cold periods. The *INTERTHERM* has kept warmth at the floor within 3 degrees of warmth at the ceiling. And as the temperature in *INTERTHERM* Heaters changes according to outside temperatures—they maintain and give off just the right amount of heat constantly for utmost comfort.

SURPRISINGLY GREATER ECONOMY!

The *INTERTHERM* System has many economical advantages, too! As the hot water and anti-freeze solution continues to throw off heat longer than does an ordinary electric baseboard heater after the current is switched off—there is a greater saving in electricity. As there are no chimney, ducts and flues—no heat escapes out of a chimney or during transmission to rooms as with central heating systems which can waste as much as 40% to 50% heat that way. And there's practically no heat wasted at ceilings.

Furthermore, any competent electrician can install a permanent *INTERTHERM* System in an average-size home in one or two days—and in larger buildings proportionately—at a substantial saving over the cost of properly installing any type of conventional central heating system.

SURPRISINGLY GREATER CLEANLINESS!

Millions of tiny lint and dust particles float in the air in every home and other building. When indoor heat reaches temperatures over 325°F.—as occurs with ordinary electric baseboard heaters and conventional gas, oil, coal and electric central heating systems—these particles are carbonized into cinders that smudge drapes, curtains, carpeting, furniture and walls.

INTERTHERM Heaters never heat as high as 325°F. So they don't cause this kind of mess. And, as a result,

can save you hundreds of dollars in heating costs over a few years.

SURPRISINGLY GREAT!

Many allergists have recommended *INTERTHERM* to their patients. Because it does not pollute indoor air with carbonized lint and dust particles that irritate nose, throat, and eyes—nor burn particles of plastic or toxic vapors—as explained by Dr. Theron G. Randolph, who points out the dangers of such pollutants in the home.

In addition—there's no scorching of ceiling to cause stuffiness. *INTERTHERM* is a "wet" low-temperature system not associated with Winter-time

**Available With
Whole-House Air Conditioning**

**Absolutely
Quiet!**

As the *INTERTHERM* System has no blower or moving parts, it makes no noise—is absolutely quiet.

Lo-Profile

RS
tion

MBING

Harmoniously into
Hardly Noticeable!

ral Heating Systems
Much Less to Install
and Maintain!

Available in various lengths
to meet every permanent,
whole-house and other
whole-building heating re-
quirement.

All Lo-Profile Models are 6½
in. high x 2¾ in. deep.

More than one million
INTERTHERM Heaters have
been installed throughout
the U.S., Canada and Japan.

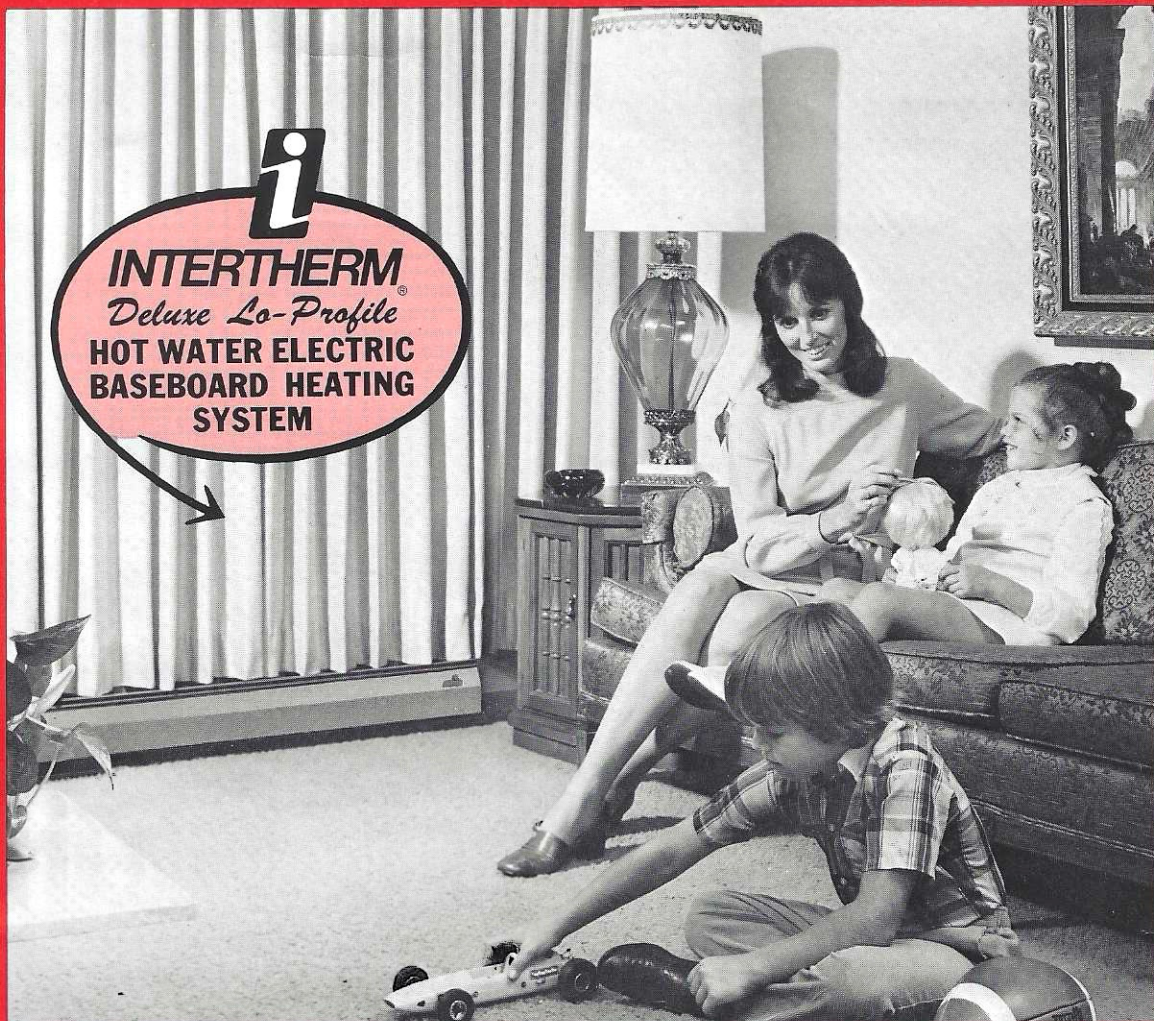
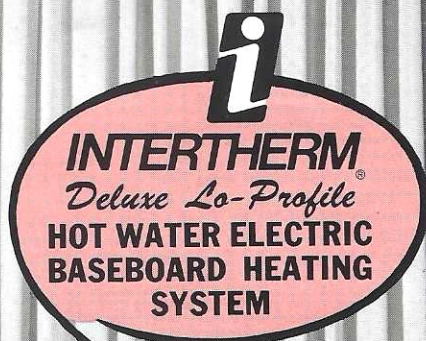
pillars in cleaning and deco-

ER HEALTHFULNESS!

Recommended INTERTHERM Heat-
ers do not burn combustion gases. Do not
draw air into tiny
throat and lung membranes
from synthetic materials into
the room. One leading allergist,
has written a book in which he
states that these types of air pollution

stratification of heat at the
top of the room—because INTERTHERM
heat—dryness normally asso-
ciated with indoor living is alleviated.

INTERTHERM
Conditioning



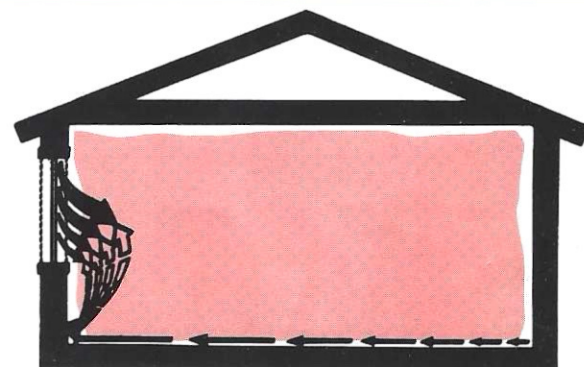
No Worry About Oil, Natural Gas or L P Gas Shortages When You Have INTERTHERM Heating!

SURPRISINGLY GREATER SAFETY!

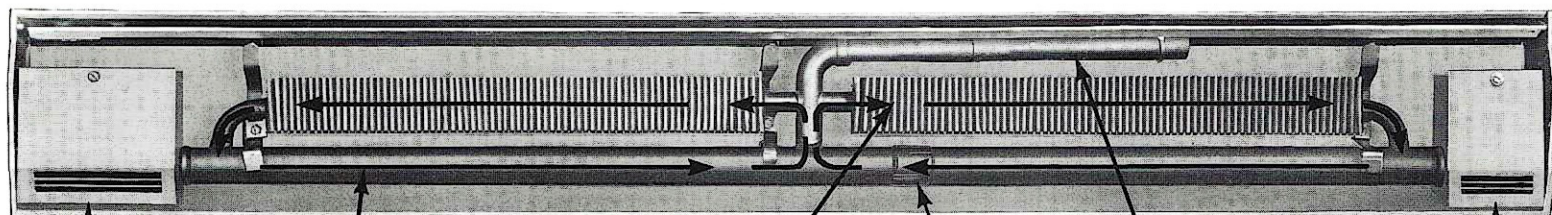
Safety from fire should be a major consideration for
any family—or builders of other types of structures—
in deciding upon a heating system. With statistics
showing that 10% of all fires have been caused by
chimneys and flues—and 18% of all school fires caused
by “flame” combustion heating—it is important to know
that INTERTHERM Heaters do not cause fires.

Each INTERTHERM Heater has a built-in Electric Limit
Control designed to maintain the water solution at safe
temperatures at all times. Low-temperature heat ex-
changer surfaces minimize the danger of burns on con-
tact and cannot cause combustible materials to ignite;
thus providing safety of operation.

Note: The chemical properties of drapes made of
synthetic fibers may cause “fading” when drapes are
subjected even to low heat temperatures. It is ad-
visable, therefore, to maintain a minimum drapery
clearance of 1-3/4” away from the heater.



The Arrows in the Illustration Above Show How the
INTERTHERM System Keeps Floors Warm. When the
baseboard heaters are turned on—cool air that has
settled at floor level is drawn from the entire floor sur-
face into the heaters. There it is heated to the tempera-
ture necessary for tempering the cold air that descends
from windows and outside walls to the desired, uniform,
floor-to-ceiling warmth.



Outlet Box

Permanently, Hermetically-Sealed-in Water-Antifreeze Solu-
tion—heated by sealed-in electric heating element with the
thermostat control—is heated to temperature necessary
for balancing cold air coming off outside walls and win-
dows. Hot water circulates in continuous cycle through
tube—giving off heat even after electricity is turned off.

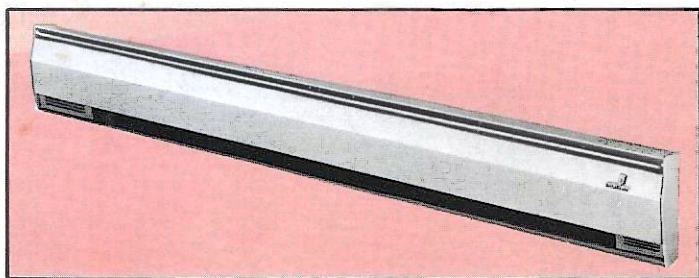
Heat is Distributed Throughout
Room by Finned Area that Sur-
rounds Copper Tubing Contain-
ing Water-Antifreeze Solution.
It absorbs amount of heat re-
quired. And gently circulates it
upward to blanket room with soft,
gentle, floor-to-ceiling warmth.

Electric Limit Control
for Safety shuts off
unit automatically if
water-antifreeze solu-
tion becomes over-
heated.

Air Expansion Chamber compensates
for water-antifreeze solution's expan-
sion when heated. UL listed pressure
relief provides protection against ex-
cess pressure at all times.

Outlet Box

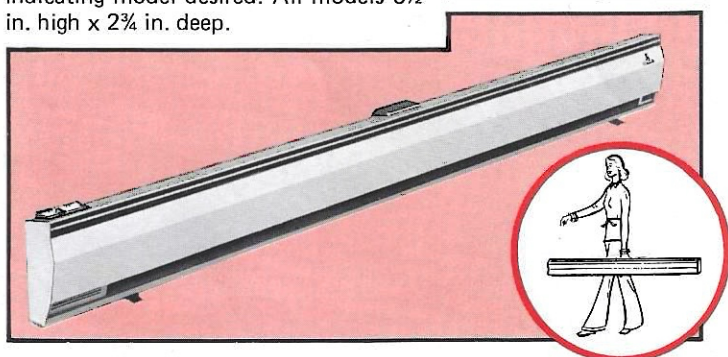
PERMANENT MODELS—for Whole-Home or Other Whole-Building Installations PORTABLE, PLUG-IN MODELS—For Single, Hard-to-Heat Rooms



Permanently Installed Models

UL listed. For complete home heating — may be thermostatically controlled for individual room comfort. Wall thermostat optional. SBK-Accessory Kits with thermostat controls available from Intertherm Parts Department. Four voltages available: 200v, 208v, 240v, and 277v. *Use suffixes -20, -28, -24, and -27 when indicating model desired. All models 6½ in. high x 2¾ in. deep.

Model & Watts *	Length
SBH 1600-24	9'
SBH 1400-24	8'
SBH 1200-24	7'
SBH 1000-24	6'
SBH 800-24	5'
SBH 600-24	4'
SBH 400-24	3'



A New High in Portable, Plug-in Models

UL listed. For heating single, hard-to-heat rooms. Has built-in thermostat and select temperature indicator light. Slide-bar thermostat provides fingertip, up front control. Light weight and free-standing without need of mounting brackets. All models 120 volts and 6½ in. high x 2¾ in. deep. For best results, recommend largest unit.

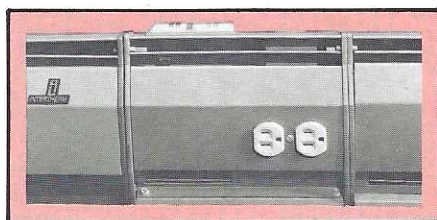
Model & Watts	Heats Rooms To	Length
SP 1400-12	11'x11'	8'
SP 1200-12	10'x10'	7'
SP 1000-12	9'x 9'	6'
SP 800-12	8'x 8'	5'
SP 600-12	7'x 7'	4'
SP 400-12	6'x 7'	3'

GUARANTEED FOR TEN YEARS

Every Intertherm Hot Water Electric Baseboard Heater sealed element system is guaranteed a full ten years from the date of installation (provided guarantee—properly completed—is mailed by purchaser within 30 days) against all defects in material and workmanship, with factory replacing any and all parts that prove to be defective f.o.b. St. Louis, free of all charges for the first five years with a charge of 1/6th of cost of such parts for the sixth year with charge increased each year an additional 1/6th as follows: 7th year—2/6, 8th year—3/6, 9th year—4/6, 10th year—5/6, 11th year on 100%. All other parts are guaranteed for two years, with exception of component electrical parts, which bear guarantee of maker. The factory assumes no responsibility for any labor costs involved in replacement of any part or the installation of any parts or assemblies or for any service charges incurred by dealer or anyone else.

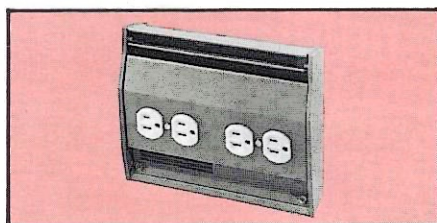
ELECTRIC CONTRACTORS! New Accessory Kits Now Available!

Attractive, compact add-on units available for quick, easy installation with Intertherm low-silhouette baseboard heaters; unit cabinets match decorator exterior of the heaters. Accessory Kits specially designed to provide several optional features to fully complete permanent home installation. Add-on packages can be installed at either end of one or more heaters, not exceeding 4000 watts, or between two heaters to provide fingertip control for continuous baseboard installation.



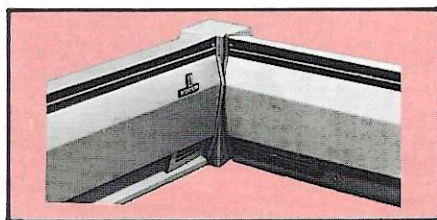
Thermostat Section With On-Off Switch & 120V Receptacle

Fingertip thermostat control with "On-Off" switch and 120 volt convenience outlet provided for small appliance plug-in needs.



120V Convenience Outlet Section

120 volt convenience outlets provided for small appliance plug-in needs. Accessory Kit may be located at either end of one or two heaters, or between two heaters, for maximum outlet accessibility.



Inside-Outside Corner

Universal inside-outside corner units available. May be used as corner fill-in units between two heaters for visual appearance, or provide corner raceway to conceal wiring between the outlet boxes of two heating units.

Other Accessory Kit Add-On Packages Available

240V Outlet Section With Combination Switch & Thermostat

Slide-bar thermostat control with "Heat-Off-Cool" switch provides for seasonal operation of one or more continuous heaters plus 240 volt window air conditioner installed above baseboard heater.

Low Voltage Relay Add-On Package

Add-on package specially designed for use with low-voltage wall thermostat.

Thermostat Section With On-Off Switch

Slide-bar thermostat with "On-Off" control switch.

MANUFACTURED BY



INTERTHERM®

HOT WATER ELECTRIC HEAT DIV.

3800 Park Ave.
St. Louis, Missouri
63110 U.S.A.

A FREE Engineered Heating Layout of the home or other building you plan to build or remodel will be sent to you — if you bring to us, or send to us, plans or room measurements of the structure. Or room measurements of your single, hard-to-heat room.

Come in for More Information and a Demonstration!

*Cross Road Supply
686.5331*